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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small>		5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-		5. State Oil & Gas Lease No.
2. Name of Operator AMCO PRODUCTION COMPANY		7. Unit Agreement Name
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		8. Farm or Lease Name Lobato Gas Com "A"
4. Location of Well UNIT LETTER D 1180 FEET FROM THE North LINE AND 1030 FEET FROM THE West LINE, SECTION 3 TOWNSHIP 29N RANGE 9W NMPM.		9. Well No. 1A
15. Elevation (Show whether DF, RT, GR, etc.) 5602' GL		10. Field and Pool, or Wildcat
12. County San Juan		

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	SUBSEQUENT REPORT OF: PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> OTHER <input type="checkbox"/>
REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JQB <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Spud & set casing	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spud 12-1/4" hole 2-12-77, and drilled to 258'. Set 9-5/8" H-40 casing at 257' with 280 sacks Class "B" cement with 2% CaCl₂. Cement circulated. Pressure tested to 300 psi OK. Drilled 8-3/4" hole to 2650' and set 7" K-55 casing at 2650' with 460 sacks Class "B" cement, 6% Gel, 2 pounds medium Tuf Plug per sack followed by 50 sacks Class "B" 2% CaCl₂. Cement circulated. Tested casing, BOP and manifold to 800 psi OK. Drilled 6-1/4" hole to TD 4830'. Set 4-1/2" K-55 liner from 2449-4830' with 200 sacks Class "B" 50:50 Poz, 6% Gel, 2 pounds medium Tuf Plug per sack, 0.2% friction reducer, followed by 75 sacks Class "B" 50:50 Poz, 6% Gel. Reversed out good cement.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *J. J. Scoboda* TITLE Area Adm. Supvr. DATE 3-3-77

Original Signed by A. R. Sandrick

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22280
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Lobato Gas Com "A"	
2. Name of Operator AMOCO PRODUCTION COMPANY		9. Well No. 1A	
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		10. Field and Pool, or Wildcat Blanco Mesaverde	
4. Location of Well UNIT LETTER D LOCATED 1180 FEET FROM THE North LINE AND 1030 FEET FROM THE West LINE OF SEC. 3 TWP. 29N RGE. 9W NMPM		12. County San Juan	
19. Proposed Depth 4750'		19A. Formation Mesaverde	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5602' GL	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start December, 1976			

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	40#	250'	280	circ.
8-3/4"	7"	20#	2625'	505	circ.
6-1/4"	4-1/2"	10.5#	4750'	275	circ.

Amoco proposes to drill the above well to develop the Mesaverde reservoir. The well will be drilled using rotary tools with water and Benex as the circulating media to the intermediate casing point. The well will be gas drilled from the intermediate casing point to TD. Production casing will be set thru the Mesaverde formation on completion. Perforations and stimulation will be based on analysis of open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed, see attached drawing for blowout preventer design.

Upon completion, the well location will be cleaned, and the reserve pit filled and leveled.
Gas produced from this well is dedicated to El Paso Natural Gas Company.

EXPIRES 3-3-77

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

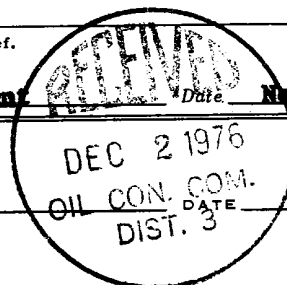
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Area Superintendent Date November 30, 1976

(This space for State Use)

APPROVED BY [Signature] SUPERVISOR DIST. #3

CONDITIONS OF APPROVAL, IF ANY:



DEC 2 1976

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

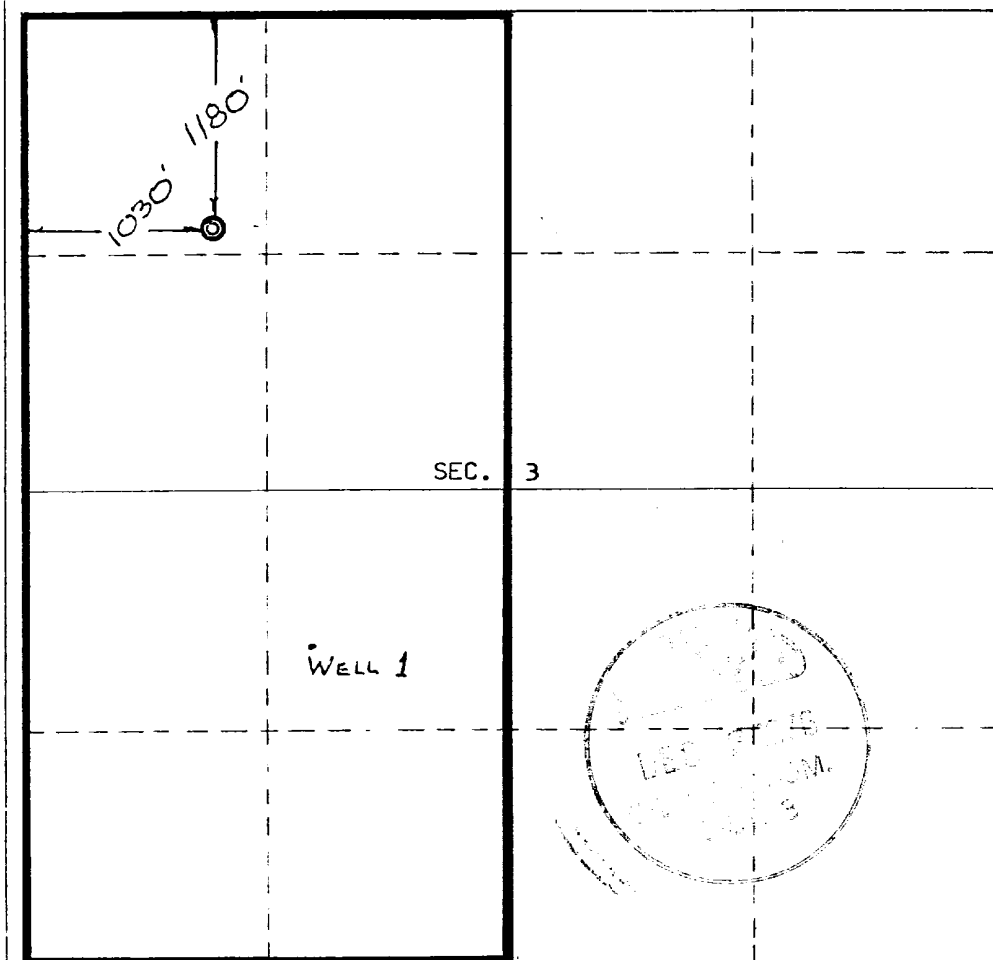
Lessee Amoco Production Company			Lease Lobato Gas Com "A"		Well No. 1A
Section D	Section 3	Township 29 North	Range 9 West	County San Juan	
Actual Portage Location of Well: 1180 feet from the North line and 1030 feet from the West line					
Ground Level Elev. 5602 est.	Producing Formation Mesaverde		Pool Blanco Mesaverde	Dedicated Acreage: 320.6 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____

L. O. Speer, Jr.

Position

Area Superintendent

Company

AMOCO PRODUCTION COMPANY

Date

November 29, 1976

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

November 15, 1976

Registered Professional Engineer and/or Land Survey

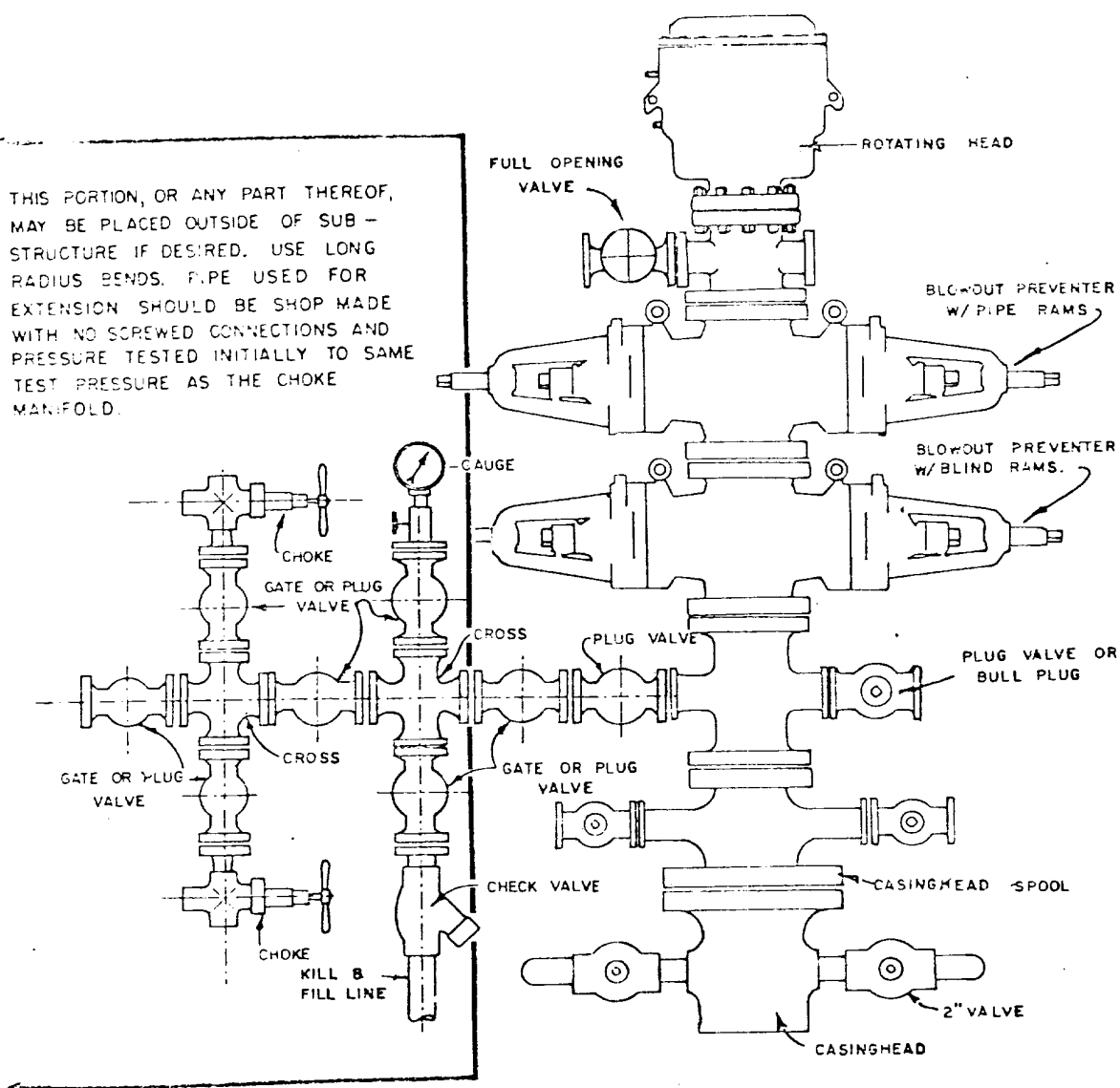
E. V. Echahawk

Certificate No. **3602**

E. V. Echahawk LS

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

TABULATION OF DEVIATION TESTS
CHAVEZ GAS COM "A" NO. 1A
AMOCO PRODUCTION COMPANY

<u>DEPTH</u>	<u>DEVIATION</u>
265'	1/4°
759'	1°
820'	3/4°
1318'	1°
2008'	1°
2502'	1°
2776'	1°
3286'	1°
3791'	1°
4383'	1°
4879'	3/4°
5378'	1°
5500'	1°

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S Chavez Gas Com "A" No. 1A located 800' FSL and 795' FEL, Section 3, T-29-N, R-9-W, San Juan County, New Mexico.

Signed E. E. Svoboda
Title Area Adm. Supvr.

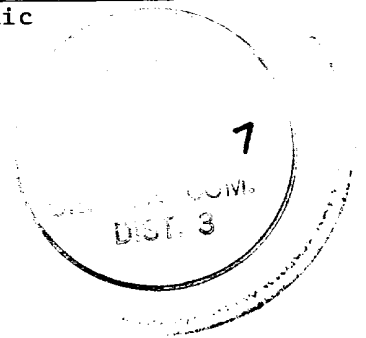
THE STATE OF NEW MEXICO))
) SS.
COUNTY OF SAN JUAN)

BEFORE ME, the undersigned authority, on this day personally appeared E. E. Svoboda known to me to be Area Adm. Supvr. for Amoco Production Company and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 17th day of February, 1977.

Eleanor P. Brown
Notary Public

My Commission Expires: December 28, 1979



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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small>		5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		5. State Oil & Gas Lease No.
2. Name of Operator AMOCO PRODUCTION COMPANY		7. Unit Agreement Name
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		8. Farm or Lease Name Lobato Gas Com "A"
4. Location of Well UNIT LETTER D 1180 FEET FROM THE North LINE AND 1030 FEET FROM THE West LINE, SECTION 3 TOWNSHIP 29N RANGE 9W NMPM.		9. Well No. 1A
15. Elevation (Show whether DF, RT, GR, etc.) 5602' GL		10. Field and Pool, or Wildcat Blanco Masaverde
12. County San Juan		

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> OTHER <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input type="checkbox"/> OTHER Perf & Frac <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2-24-77 Pressure tested casing to 3000 psi OK and spotted 500 gallons 15% HCl. Perforated 4455-58, 4469-72, 4476-96, 4506-38, 4552-62, and 4576-84 with 1 SPF. Fraced first stage with 40,000 gallons frac fluid and 80,000 pounds sand. Dropped 39 balls in 3 stages. No breakdown pressure. AIR 75 BPM. Set bridge plug at 4410' and pressure tested to 3000 psi OK. Perforated 3868-3902, 3910-80, 4000-42, 4101, 4182-90, 4228-34, 4302-16, and 4330-36 with 1 SPF. Fraced second stage with 100,000 gallons frac fluid and 200,000 pounds sand. Breakdown pressure 2400. AIR 75 BPM. Dropped 45 balls in 5 stages. Drilled bridge plug at 4410' and set 2-3/8" J-55 tubing at 4582'.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *E. L. Svoboda* TITLE Area Adm. Supvr. DATE 3-8-77

Original Signed by A. R. Kondrick

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

LOBATO GAS COM "A" NO. 1A
AMOCO PRODUCTION COMPANY

<u>DEPTH</u>	<u>DEVIATION</u>
129'	1/4°
258'	1°
759'	3/4°
1058'	1/2°
1633'	1°
2132'	1°
2650'	1°
3261'	1°
3786'	1-1/4°
4194'	1-1/4°
4830'	1-1/2°

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S Lobato Gas Com "A" No. 1A located 1180' FNL & 1030' FWL, Section 3, T-29-N, R-9-W, San Juan County, New Mexico.

Signed L. E. Svoboda
Title Area Adm. Supvr.

THE STATE OF NEW MEXICO)) SS.
COUNTY OF SAN JUAN)

BEFORE ME, the undersigned authority, on this day personally appeared E. E. Svoboda known to me to be Area Adm. Supvr. for Amoco Production Company and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said
County and State this 24th day of March, 19 77.

Eleanor J. Brown
Notary Public

My Commission Expires: December 28, 1979